

BIOCHEMICALS ORGANIC COMPOUNDS DIAGNOSTIC REAGENTS

TOLL FREE ORDERING

Ordering Hours Monday through Friday - 24 Hours a day
Saturday, Sunday and Holidays -
6:00 a.m. to 5:00 p.m. (CST)

Telephone USA/Canada 800-325-3010
Outside USA/Canada
(Call Collect) 314-771-5750

Bulk Inquiries Call SAF
See Page 15 for Details

FAX USA/Canada 800-325-5052
Outside USA/Canada 314-771-5757
For TWX, TELEX, Cable or Collect FAX Calls see page 3

CUSTOMER/TECHNICAL SERVICE

Customer Service/Technical Service telephone numbers located on card inside front cover and on page 3.

Should you have any problems getting excellent service at the above numbers, please call COLLECT (anytime Day or Night, including Weekends and Holidays) 314-531-9500.

SIGMA[®]

ALPHABETICAL LIST

BIOACTIVE PEPTIDES

IMMUNO-CHEMICALS

MOLECULAR BIOLOGY

TISSUE CULTURE

OTHER PRODUCT GROUPS

EQUIPMENT BOOKS AND SUPPLIES

DIAGNOSTIC KITS AND REAGENTS

ALPHABETICAL LIST OF COMPOUND

UNIT	US \$	PRODUCT NUMBER	US \$
25 units 321		CRESOLPHTHALEIN-bis-METHYLENE-IMINODIACETIC ACID	
100 units 103		See Phthalein Purple Page 832	
250 units 228			
approx. 45%		CRESOL PURPLE	
tol and potassium		m-Cresolsulfonphthalein	
rotein.		pH 1.2 (red) - pH 2.8 (yellow)	
ydrolyze 1.6 μ mole		pH 7.4 (yellow) - pH 9.0 (purple)	
toin and NH ₄ per-		Free Acid (pfs)	1 g 6.75
pled system with		2303-01-77 C ₂₁ H ₁₈ O ₅ S FW 382.4	5 g 22.40
			10 g 34.70
		Sodium Salt (pfs)	1 g 7.30
		Water soluble.	5 g 24.25
250 mg 111		252-25-41-47 C ₂₁ H ₁₈ O ₅ Na	10 g 40.35
1 g 311		FW 404.4	
5 g 1011			
25 g 3371		CRESOL RED	
		m-Cresolsulfonphthalein	
		pH 7.2 (yellow) - pH 8.8 (red)	
		Free Acid (pfs)	5 g 8.40
100 ml 147		133-12-47 C ₂₁ H ₁₈ O ₅ S FW 382.4	25 g 27.90
FOB Sigma			
1 set 250		Sodium Salt (pfs)	2 g 4.75
FOB Sigma		Water soluble.	5 g 9.45
		2625-9-07 C ₂₁ H ₁₈ O ₅ Na	10 g 17.05
		FW 404.4	25 g 29.95
100 g 103		CRESYL GLYCIDYL ETHER (pfs)	100 g 8.85
500 g 234		(Erginate DY 023)	500 g 29.30
1 kg 346		Approx. 90%	
FOB Sigma		2447-14-37 C ₁₀ H ₁₂ O ₂ FW 164.2	
utilize		CRESYL VIOLET ACETATE (pfs)	1 g 7.10
ble		4-Amino-5-imino-5H-benzo[a]-	5 g 22.60
edische Anilin und Soda		phenoxazine acetate salt	
		Dye content: Approx. 70%	
		See also: Biological Stains, Certified Page 1653	
		2310-04-07 C ₁₆ H ₁₁ N ₃ O • C ₂ H ₄ O ₂ FW 321.3	
		CRESYL VIOLET	100 mg 10.95
		PERCHLORATE (pfs)	500 mg 32.95
1		1830-30-27 C ₁₆ H ₁₁ N ₃ O • ClO ₄	
		FW 361.7	
100 ml 172			
500 ml 486			
1 liter 872			
FOB Sigma		See Corticotropin Releasing Factor Page 1124	
100 ml 54			
500 ml 165			
1 liter 273			
FOB Sigma			
		ORANGE G (pfs)	10 g 6.20
		2115970; Acid Orange 12	50 g 20.25
		Dye content: Approx. 70%	
tion Page 1883		2624-00-97 C ₁₆ H ₁₁ N ₃ O ₂ Na FW 350.3	
100 g 12		ORANGE SCARLET 7B (pfs)	1 g 6.20
500 g 47		21165; Acid Red 71	5 g 19.20
1 kg 29		Dye content: Approx. 90%	25 g 62.10
FOB Sigma		2624-00-97 C ₁₆ H ₁₁ N ₃ O ₂ Na	
		FW 350.3	
		ORANGE	5 mg 25.55
ction Page 1883		Chromic Salt	25 mg 85.05
		Approx. 95%	100 mg 236.25
		See Saffron	
		2624-00-97 C ₁₆ H ₁₁ N ₃ O ₂ Na FW 350.3 (for free acid)	
ds in the		OXALIM	25 mg 29.15
on Page 1688		2-cyano-5-cyano-3,4-dihydro-	50 mg 52.50
08.1		2-methyl-4-(2-oxopyrrolidin-	
		yl)-1-benzopyran-3-ol	
		See vasodilation by activation of potassium	
section Page 1883			
(pfs)		See L. Spinelli, W., et al., Eur. J. Pharmacol., 179,	
phthalein)		31159C.	
N 346.4		See P., et al., Eur. J. Clin. Pharmacol., 37,	
		1559C.	
COMPLEXONE		2624-00-97 C ₁₆ H ₁₁ N ₃ O ₂ Na FW 350.3	
Page 832			

UNIT	US \$	PRODUCT NUMBER	US \$
		CROMOLYN (pfs)	1 g 15.15
		Sodium Salt	5 g 57.10
		Minimum 95%	25 g 222.45
		15826-37-61 C ₁₇ H ₁₄ O ₁₁ Na ₂	
		FW 512.3	

CROSS-LINKED PROTEIN MARKERS

See Molecular Weight Markers for SDS gel electrophoresis Page 1758

CROSS-LINKING REAGENTS

See:

S-Acetylthioglycolic Acid N-Hydroxysuccinimide Ester Page 16

4-Azidobenzoic Acid N-Hydroxysuccinimide Ester Page 144

N-(5-Azido-2-nitrobenzyloxy)succinimide Page 144

6-(4-Azido-2-nitrophenylamino)hexanoic Acid N-Hydroxysuccinimide Ester Page 144

p-Azidophenacyl Bromide Page 144

3-(4-Azidophenylthio)propionic Acid N-Hydroxysuccinimide Ester Page 144

N-(4-Azidophenylthio)phthalimide Page 144

4-Azidosalicylic Acid N-Hydroxysuccinimide Ester

4-Benzoylbenzoic Acid N-Hydroxysuccinimide Ester Page 155

Bromoacetic Acid N-Hydroxysuccinimide Ester Page 155

1,4-Butanediol Diglycidyl Ether Page 197

2-Diazo-3,3,3-trifluoropropionic Acid p-Nitrophenyl Ester Page 338

1,5-Difluoro-2,4-dinitrobenzene Page 351

4,4'-Disothiocyanatostilbene-2,2'-disulfonic Acid, Disodium Salt Page 365

Dimethyl Adipimidate Dihydrochloride Page 368

Dimethyl 3,3'-Dithiobispropionimidate Dihydrochloride Page 372

Dimethyl Pimelimidate Dihydrochloride Page 375

Dimethyl Suberimidate Dihydrochloride Page 376

4,4'-Dithiobisphenyl Azide Page 388

Dithiobis(propionic Acid N-Hydroxysuccinimide Ester) Page 389

Ethylene Glycol bis-(Succinic Acid N-Hydroxysuccinimide Ester) Page 421

4-Fluoro-3-nitrophenyl Azide Page 447

bis(4-Fluoro-3-nitrophenyl)sulfone Page 447

2-Iminothiolane Hydrochloride Page 515

3-Maleimidobenzoic Acid N-Hydroxysuccinimide Ester Page 651

4-(N-Maleimido)benzophenone Page 651

γ -Maleimidobutyric acid N-Hydroxysuccinimide Ester Page 651

ϵ -Maleimidocaproic Acid N-Hydroxysuccinimide Ester Page 651

4-(N-Maleimidomethyl)cyclohexane-1-carboxylic Acid N-Hydroxysuccinimide Ester Page 651

4-(p-Maleimidophenyl)butyric Acid N-Hydroxysuccinimide Ester Page 652

β -Maleimidopropionic Acid N-Hydroxysuccinimide Ester Page 652

N,N'-bis(3-Maleimidopropionyl)-2-hydroxy-1,3-propanediamine Page 652

1,4-Phenylene Diisothiocyanate Page 795

N,N'-o-Phenylene Dimaleimide Page 795

N,N'-p-Phenylene Dimaleimide Page 795

Polyoxyethylene bis(Glycidyl Ether) Page 849

Polyoxyethylene bis(Imidazolyl Carbonyl) Page 849

3-(2-Pyridylthio)propionic Acid N-Hydroxysuccinimide Ester Page 892

Suberic Acid bis(N-Hydroxysuccinimide) Ester Page 749

bis(N-Succinimidyl) Carbonate Page 950

Bulk quantities available through SAF Bulk Chemicals - see page 15.